

ABSTRACT OF THE DISCLOSURE

Floating structures are provided. The floating structures are suitable for use as floating runways for aircraft, floating roadways, and supports for other facilities. The floating structures include a deck and one or more pontoons attached to the deck. The pontoons, with the deck attached, are caused to float in water contained in a basin, which in turn floats in a body of water. The basin provides damping or isolation of forces due to currents in the body of water, or prevailing winds, to reduce undesired or excessive motion of the deck. The deck supports are preferably capable of limited lateral movement relative to the pontoons, thereby permitting some movement of the pontoons independently and reducing stresses on the structure.